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10 March 1981

# ... FBIS 40TH YEAR 1941-81 ...

## China Report

PLANT AND INSTALLATION DATA

No. 25

**FBIS** FOREIGN BROADCAST INFORMATION SERVICE

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On behalf of all of us in FBIS I wish to express appreciation to our readers who have guided our efforts throughout the years.

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## I. METALLURGICAL INDUSTRY

Item: Baotou Iron and Steel Company  
[0545 7333 6921 6993 0361 0674]

Location: Baotou, Nei Monggol AR, PRC

Data: This company, one of China's major producers of steel products, last year nearly trebled its output of products used in light industries. During current economic readjustment, China is laying increasing emphasis on the development of her light industries. As a result, this company has begun increasing items needed by light industries and for city housing construction. Previously, it catered almost entirely to the needs of heavy industry. The company said that up to mid-October it had exceeded its 1980 target for profits handed to the state by 12 million yuan.

Source: Beijing XINHUA in English 0701 GMT 9 Jan 81 OW

Item: Beijing High-test Steel Mill  
[0554 0079 3676 2992 6921 0617]

Location: Beijing, PRC

Data: Explosion of the electric furnaces at the plant has occurred 60 times since 1969. Preventive measures are being taken.

Source: Beijing, BEIJING RIBAO in Chinese 19 Jan 81 p 2

Item: Shenyang Structural Metals Plant  
[3476 7132 6855 1466 4824 2485 0617]

Location: Shenyang, Liaoning, PRC

Data: The plant's reverberatory furnace has been replaced by the Martin furnace recently. As a result, the plant is able to save 600 metric tons of coke annually.

Source: Shenyang LIAONING RIBAO in Chinese 2 Jan 81 p 2

Item: Benxi Iron and Steel Company  
[2609 3005 6921 6993 0631 0674]

Location: Benxi, Liaoning, PRC

Data: Since 1978, 19 capital construction projects of this plant have been indefinitely postponed.

Source: Shenyang LIAONING RIBAO in Chinese 28 Jan 81 p 1

Item: Panzhihua Iron and Steel Company  
[2372 2655 5363 6921 6993 0361 0674]

Location: Dukou, Sichuan, PRC

Data: As part of its energy conservation drive, the company was able to save 310,000 metric tons of coal during the first 9 months of this year as compared with the corresponding 1979 period.

Source: Chengdu SICHUAN RIBAO in Chinese 1 Dec 80 p 2

Item: Fuzhou Metallurgical Smelting Plant  
[4395 1558 0396 6937 0617]

Location: Fuzhou, Fujian, PRC

Data: The plant's export value amounted to 5 million yuan during the first 10 months of this year, a 1.3-fold increase in comparison with the corresponding 1979 period.

Source: Fuzhou FUJIAN RIBAO in Chinese 8 Dec 80 p 2

Item: Gaungzhou Iron and Steel Mill  
[1639 1558 6921 6993 0617]

Location: Guangzhou, Guangdong, PRC

Data: The mill has begun producing high-grade oxygen and nitrogen used in the electronics industry.

Source: Guangzhou NANFANG RIBAO in Chinese 7 Jan 81 p 1



## II. TRANSPORTATION EQUIPMENT INDUSTRY

Item: Shanghai Navigation Channel Bureau  
[0006 3189 5300 6670 4619 3810 1444]

Location: Shanghai, PRC

Data: A new device which can convert the energy of ocean waves into electricity has been produced by the designing and research institute under this bureau, in cooperation with Shanghai Jiaotong University. Hundreds of experiments at sea showed that the device can generate electricity so long as the wind blows at a velocity of 8 to 12 miles per hour and the waves are about 0.2 meters high. With a power generating capacity of up to 60 watts, the device puts out enough power in one day to keep a navigation buoy light on for 3 days.

Source: Beijing XINHUA in English 0706 GMT 19 Feb 81 OW

Item: Gaungzhou Shipyard  
[1684 1558 6644 5307 0617]

Location: Guangzhou, Guangdong, PRC

Data: Container plant attached to this shipyard, with a planned annual capacity of 10,000, has just begun production, according to a spokesman for the shipyard. The plant was built under a triangular compensatory contract signed between this shipyard, the Civet Investment Co Ltd. of Hong Kong and the Container Transport International of the United States. According to the contract, the Hong Kong company provides equipment and raw materials for the manufacture of containers. The Chinese side offers electric power, gas, water and fuel and is responsible for the processing and manufacture. All the products will be purchased by the U.S. firm. The shipyard will repay the loan plus interest within 5 years. The plant, with four automatic production lines capable of producing one container every 12 minutes, has trial-produced 590 containers.

Source: Beijing XINHUA in English 0718 GMT 27 Jan 81 OW

Item: Shaanxi Provincial Geology Bureau  
[7104 6007 0966 6347 1444]

Location: Xi'an, Shaanxi, PRC

Data: This bureau and the Northwest Industrial University have recently invented a new kind of pilotless plane for aerial photography and surveys. The production cost of these pilotless planes is low, but efficiency of the planes is high.

Source: Xian Shaanxi Provincial Service in Mandarin 2300 GMT 21 Jan 81 HK

Item: Heilongjiang Provincial Shipping Administration Bureau  
[7815 7893 3068 4164 5300 6663 4619 3810 1444]

Location: Harbin, Heilongjiang, PRC

Data: Contracting with the provincial finance department, this administration bureau increased its profits in 1980. Compared with 1979, cargo-ton kilometer increased by 30.1 percent, income from transportation by 6.8 percent and profit by 160 percent in 1980.

Source: Harbin Heilongjiang Provincial Service in Mandarin 1100 GMT  
11 Feb 81 SK

Item: Guangshen Highway  
[1639 3234 0361 6424]

Location: Guangdong, PRC

Data: This highway's reconstruction project--the 30-kilometer long Shenquan-Xixiang section--was completed 10 days ahead of schedule.

Source: Guangzhou NANFANG RIBAO in Chinese 17 Jan 81 p 1

Item: Dalian Xingang [New Port]  
[2192 6647 2450 3263]

Location: Dalian, Liaoning, PRC

Data: Since it went into operation in July 1976, the port's net profit realized has increased to 4,292 million yuan.

Source: Shenyang LIAONING RIBAO in Chinese 3 Jan 81 p 1

Item: Dongping Waterway  
[2639 1627 3055 6670]

Location: Guangdong, PRC

Data: In December of 1980 this 68-kilometer long waterway project was completed 17 days ahead of schedule.

Source: Guangzhou NANFANG RIBAO in Chinese 27 Dec 80 p 1

Item: Ludu Fishing Vessel Repair and Manufacturing Plant  
[2464 2192 3342 6544 0208 6644 0617]

Location: Liaoning, PRC

Data: The plant manufactured China's first 900-horsepower double-deck fishing vessel equipped with machinery to take in the fishing net.

Source: Shenyang LIAONING RIBAO in Chinese 13 Jan 81 p 1

Item: Nanjing Motor Vehicle Plant  
[0589 0079 3086 6508 0455 6644]

Location: Nanjing, Jiangsu, PRC

Data: The plant overfulfilled its annual profit plan by the end of October. From January to November 1980, it manufactured 15,248 motor vehicles, an increase of 8 percent in comparison with the corresponding 1979 period.

Source: Nanjing XINHUA RIBAO in Chinese 13 Dec 80 p 1

### III. ELECTRONIC AND PRECISION EQUIPMENT INDUSTRIES

Item: Shanghai Radio Plant No 2  
[0006 3189 3541 4848 7193 0059 0617]

Location: Shanghai, PRC

Data: China's first multi-function radio-recorder production line has just gone into operation in Shanghai. Now with a daily capacity of 600 radio-recorders, the 88-piece production line can also be used to produce transistor radios of various types and, when some instruments are added, television sets. Compared with other production lines now operating in China, it has doubled efficiency and cut consumption of electricity by half. Designed by this plant, the production line was tested by 85 experts from 40 departments and proven to be up to world standards of the 70's.

Source: Beijing XINHUA in English 0715 GMT 17 Jan 81 OW)

Item: Jiangsu Telecommunications Equipment Plant No 506  
[3068 5685 7193 0207 6080 0271 0063 7190 0362 0617]

Location: Jiangsu, PRC

Data: This plant under the Posts and Telecommunications Ministry has succeeded in turning out a 1.5-ghz rural microwave telecommunications equipment on a trial basis. It is the first such equipment made in China and has been installed and in operation between Wujiang and Zhenze.

Source: Nanjing Jiangsu Provincial Service in Mandarin 1100 GMT 22 Jan 81 OW

Item: Beijing Computer Technology Research Institute  
[0554 0079 6060 4615 2623 2111 6890 4282 4496 2076]

Location: Beijing, PRC

Data: This institute has programmed a micro-computer system to produce a printout in Chinese characters. It used a video display terminal (VDT) and a numeral-coded keyboard, with as many as four numerals being punched to generate one Chinese character. The board has 128 two-symbol keys, considerably smaller than similar keyboards developed in Japan, some of which have hundreds of keys. The display on the terminal screen is in Arab numerals, but a spokesman said today that the institute is developing "software" that will permit a screen display in Chinese characters. He said that ultimately this will have great implications for the Chinese newspaper industry, communications and the storage of scientific data. He said the system is also compatible with Roman alphabet keyboards. The Chinese language has about 50,000 characters, but only about 4,000 are in common use. With the new program, the VDT system can generate about 5,000 characters.

Source: Beijing XINHUA in English 1205 GMT 24 Jan 81 OW

Item: Shanghai Supersonic Apparatus Plant  
[0006 3189 6389 7299 0892 2750 0617]

Location: Shanghai, PRC

Data: This plant has succeeded in turning out a new switching device to automatically regulate the power of an electric motor in order to prevent a large power-consuming motor from doing a small job. This will conserve some 33 percent of electricity.

Source: Shanghai City Service in Mandarin 1130 GMT 19 Feb 81 OW

Item: Liaoyang Transistor Parts Plant  
[6679 7122 2533 7555 0892 0115 0617]

Location: Liaoyang, Liaoning, PRC

Data: In 1980 the output value of the plant's export commodities amounted to more than 8 million yuan, 90 percent of its total output value.

Source: Shenyang LIAONING RIBAO in Chinese 24 Jan 81 p 2

Item: Changzhou Transistor Plant  
[7022 1558 0584 1418 7555 0617]

Location: Changzhou, Jiangsu, PRC

Data: During the first 11 months of this year, the plant's profit amounted to 1.12 million yuan. Its advance purchase contracts for 1981 are about 73.5 percent of this year's aggregate sales.

Source: Nanjing XINHUA RIBAO in Chinese 20 Dec 80 p 1



Item: Suzhou Medical Apparatus Plant  
[5685 1558 6829 4070 0892 2750 0617]

Location: Suzhou, Jiangsu, PRC

Data: This plant produced 60 percent more new products this year as compared with 1979.

Source: Nanjing XINHUA RIBAO in Chinese 14 Jan 80 p 1

Item: Radio Plant No 1  
[3541 4848 7193 0001 0617]

Location: Chengdu, Sichuan, PRC

Data: Importing electronic technology from Japan, the plant greatly improved the quality of its model-763 black-and-white television sets that had a poor market.

Source: Chengdu CHENGDU RIBAO in Chinese 5 Jan 81 p 1

Item: Plant No 8461  
[0360 0934 0362 0001 0617]

Location: Fujian, PRC

Data: This plant, subordinate to the Fujian Optical Technology Research Institute, successfully manufactured telephoto lens with a 3- to 4-meter long focal length, the largest of its kind produced in China.

Source: Fuzhou FUJIAN RIBAO in Chinese 9 Dec 80 p 1

#### IV. CHEMICAL INDUSTRY

Item: Nanjing Alkyl Benzene Plant  
[0589 0079 7909 1015 0058 0617]

Location: Nanjing, Jiangsu, PRC

Data: China's biggest plant to produce alkyl benzene, a raw material for detergent, has gone into trial production at Nanjing. With an annual capacity of 30,000 metric tons, this new plant will meet China's need for the product, much of which had to be imported before. Equipment for the plant was built by the Eurotecnica S.P.A. Milano of Italy on a patent from the Universal Oil Products Company of the United States, and installed by Chinese workers. During the past 2 months of trial operation, the quality of the product has proved to be up to international standards. It was learned that China used to import 30,000 to 40,000 metric tons of alkyl benzene a year. Though the new plant is still in trial operation its daily output has already surpassed the designed capacity.

Source: Beijing XINHUA in English 1243 GMT 29 Jan 81 OW

Item: Xiyang Nitrogen Fertilizer Plant  
[6007 7122 8644 5142 0617]

Location: Xiyang, Guangdong, PRC

Data: In 1980 this plant was able to save 1,190 kilowatt-hours of electricity in producing one metric ton of ammonia fertilizer. This is a saving of 5.7 percent in electric power as compared to 1979.

Source: Guangzhou NANFANG RIBAO in Chinese 24 Jan 81 p 2

Item: Caidakuo Chemicals Plant  
[5430 3109 0656 0553 1562 0617]

Location: Caidakuo, Liaoning, PRC

Data: By stopping the 20,000-metric-ton calcium carbide extension project, the plant was able to save 1.6 million yuan.

Source: Shenyang LIAONING RIBAO in Chinese 7 Jan 81 p 1

Item: Wujin Chemical Fertilizer Plant  
[2976 6651 0553 5142 0617]

Location: Wujin, Jiangsu, PRC

Data: By adopting the new technique of "pyroelectrical binding," the plant is able to save 1.2 million kilowatt-hours of electricity per month.

Source: Nanjing XINHUA RIBAO in Chinese 14 Oct 80 p 1

Item: Hongta Nitrogen Fertilizer Plant  
[4767 1044 8644 5144 0617]

Location: Jianyang, Sichuan, PRC

Data: After 6 months of efforts, the plant is now able to produce more than 10,000 metric tons of solid ammonium carbonate per year. The profit realized annually will be increased by 1 million yuan.

Source: Chengdu SICHUAN RIBAO in Chinese 3 Nov 80 p 2

## V. FUEL AND POWER INDUSTRIES

Item: Hongyang Mine No 2  
[4767 7122 4574 0059 4349]

Location: Hongyang, Liaoning, PRC

Data: By improving leadership as well as production techniques, this mine, subordinate to the Daxi Mining Bureau, is now able to produce 400,000 metric tons of coal annually.

Source: Shenyang LIAONING RIBAO in Chinese 6 Jan 81 p 2

Item: Yunnan Smelting Plant  
[7189 0589 0396 3550 0617]

Location: Kunming, Yunnan, PRC

Data: The 1980 annual production plan of this electrolytic cathode copper smelting plant was fulfilled 1 month ahead of schedule. The profit realized increased by 20 percent as compared with the previous year. Furthermore, the problems of insufficient raw materials and unmarketable products had been solved. In 1980, the plant was able to obtain 5,006 tons of copper ore. The plant increased its output of electrolytic cathode copper by 14.7 percent and sulphuric acid by 42.9 percent, over the state plan of 1980.

Source: Kunming YUNNAN RIBAO in Chinese 23 Jan 81 p 2

Item: Fushun Mining Bureau  
[2329 7311 4349 0523 1444]

Location: Fushun, Liaoning, PRC

Data: The bureau has been accelerating the tempo of tunnelling. The length of driving reached more than 13,100 meters in 1980, an increase of 79.4 percent compared with 1979.

Source: Shenyang LIAONING RIBAO in Chinese 25 Jan 81 p 1

Item: Bapanxia Hydroelectric Power Station  
[0360 4149 1499 3055 7193 4541]

Location: Lanzhou, Liaoning, PRC

Data: Construction of this 180,00-kilowatt capacity power station has been completed recently.

Source: Shenyang LIAONING RIBAO in Chinese 8 Jan 81 p 4

Item: Hubei Electric Power Experimentation Research Center  
[3275 0554 4164 7193 0500 0022 1800 6107 7526 4282 4496 2076]

Location: Wuhan, Hubei, PRC

Data: In cooperation with the Wuhan Electronic Instruments Plant, the institute successfully developed a fault finder for high-voltage lines. This new instrument is being popularized in the electric power industry of Hubei Province.

Source: Beijing RENMIN RIBAO in Chinese 16 Jan 81 p 2

Item: Weizi Vertical Shaft  
[5517 1311 3260 4549 0064]

Location: Nanpiao, Liaoning, PRC

Data: This shaft, subordinate to the Nanpiao Mining Bureau, has gone into production recently.

Source: Shenyang LIAONING RIBAO in Chinese 4 Jan 81 p 1



Item: Datong Mining Bureau  
[2194 0681 4349 0523 1444]

Location: Datong, Shanxi, PRC

Data: The bureau's profit realized in 1980 amounted to 3.5 billion yuan.  
Profit turned over to the state was 3.29 billion yuan.

Source: Beijing RENMIN RIBAO in Chinese 9 Jan 81 p 1

Item: Damuhe Mine  
[6671 4158 3109 3561 4349]

Location: Neijiang, Sichuan, PRC

Data: Utilizing economic management measures instead of administrative control methods, this mine reported a 12.8-percent increase in output during the first 9 months of this year as compared to the like 1979 period.

Source: Chengdu SICHUAN RIBAO in Chinese 9 Nov 80 p 2

Item: Longyan Power Plant  
[7893 1484 7193 0617]

Location: Langyan, Fujian, PRC

Data: In 7 days (17 to 23 October) of 1980, the plant saved more than 69 metric tons of fuel by using anthracite on a trial basis.

Source: Fuzhou FUJIAN RIBAO in Chinese 31 Oct 80 p 1

Item: Mei Shan Power Transmission and Transformer Project  
[2734 7073 6551 6239 7193 1562 4453]

Location: Shantou and Mei Xian, Guangdong, PRC

Data: This newly completed project began to transmit and transform electricity on 29 December 1980.

Source: Guangzhou NANFANG RIBAO in Chinese 30 Dec 80 p 1

## VI. MACHINE-BUILDING INDUSTRY

Item: Shandong Machinery Designing Institute  
[1472 2619 2623 2730 6080 6060 7108]

Location: Jinan, Shandong, PRC

Data: This institute and the Jinan Machinery Plant for Material Testing have succeeded in turning out a new rare earth creeping agent [xi tu ru hua ji 4449 0960 5862 0553 0495] for improving iron casting in industrial production. Prior to the development of this new agent which began in the mid-sixties, various countries had always used gray or nodular graphite cast iron in the manufacture of machinery parts. Entrusted by the First Ministry of Machine Building, the Department of Machinery in Shandong held a meeting in Jinan not long ago to assess this new achievement. Those attending the meeting unanimously hailed the above-mentioned two units for inventing the new agent and utilizing the cupola furnace in iron casting.

Source: Beijing XINHUA Domestic Service in Chinese 0233 GMT 17 Feb 81 OW

Item: Dongfang Steam Turbine Plant  
[2639 2455 3086 6544 2623 0617]

Location: Sichuan Province, PRC

Data: Two major power equipment plants--this plant and the Dongfang Electrical Machinery Plant--have cooperated in producing small steam turbine generators using exhaust steam. So far they have produced 40 sets of small steam turbine generators each with 750 kilowatts capacity for light, textile, food processing and chemical enterprises throughout China.

Source: Beijing XINHUA Domestic Service in Chinese 0231 GMT 15 Feb 81 OW

Item: Shanghai Heavy Machinery Plant  
[0006 3189 6850 0992 2623 2750 0617]

Location: Shanghai, PRC

Data: At the suggestion of its workers, this plant called a technical evaluation meeting among technicians of the plant to study the feasibility of the planned installation of a constant-temperature furnace for refining steel which would cost 3.2 million yuan. The plant accepted the meeting's conclusion to cancel the project in view of available technical compensation and the current readjustment drive. JIEFANG RIBAO, in an editor's note on 22 February, praised the plant's democratic way of handling this matter saying that all comrades concerned with the fate and future of the state must hold themselves responsible for readjustment and make an effort to implement it.

Source: Shanghai City Service in Mandarin 2300 GMT 21 Feb 81 OW

Item: Wuhan City Institute of Architectural Engineering  
[2976 3352 1579 1696 4591 1562 4453 4282 4496 2076]

Location: Wuhan, Hubei, PRC

Data: The first hydraulic pile-driver in China has been successfully trial-produced by this institute recently.

Source: Wuhan CHANGJIANG RIBAO in Chinese 5 Jan 81 p 1

Item: Dalian Electric Machinery Plant  
[2192 6647 7193 2623 0617]

Location: Dalian, Liaoning, PRC

Data: In 1981 the plant's advance purchase contracts signed with foreign nations have increased 100 percent as compared with the previous year.

Source: Shenyang LIAONING RIBAO in Chinese 10 Jan 81 p 1

Item: Yunnan Machine Tool Accessories Plant  
[7189 0589 2623 1643 7096 0115 0617]

Location: Kunming, Yunnan, PRC

Data: This plant had incurred financial losses for many years. In 1980 the plant registered a profit for the very first time. Its output value totaled 1.2 million yuan, a 5.3-percent increase as compared to the previous year. This was largely due to an extensive marketing research conducted by the plant's staff.

Source: Kunming YUNNAN RIBAO in Chinese 24 Jan 81 p 2

Item: Xiangtan Electric Machinery Plant  
[3276 3389 7193 2623 0617]

Location: Xiangtan, Hunan, PRC

Data: By improving management methods, the plant's profit realized in 1980 doubled the annual planned target.

Source: Beijing RENMIN RIBAO in Chinese 9 Jan 81 p 1

Item: Department No 1016, 10th Institute, Fourth Ministry of Machine Building  
[0001 7190 0001 0362 2076 4574 0577 4282 4496 7108 0934 2894 6752]

Location: Beijing, PRC

Data: This department has developed an adiabatic metal [container] for deep oil wells.

Source: Beijing GUANGMING RIBAO in Chinese 23 Dec 80 p 2

Item: Nanbu Machinery Plant  
[0589 6752 2623 0617]

Location: Nanbu, Sichuan, PRC

Data: The plant fulfilled its annual production plan 1 month ahead of schedule. From January to September of this year, the profit realized showed an increase of 164 percent over its annual planned target.

Source: Chengdu SICHUAN RIBAO in Chinese 9 Nov 80 p 2

Item: Jiangdong Machinery Plant  
[3068 2639 2623 2750 0617]

Location: Jiangdong, Sichuan, PRC

Data: By improving management techniques, such as marketing research survey and analysis of products, the plant's level of production during the first 8 months of this year increased 51.5 percent and the profit showed a six-fold increase as compared with the same period of the previous year.

Source: Chengdu SICHUAN RIBAO in Chinese 3 Nov 80 p 2

## VII. AGRICULTURAL MACHINERY INDUSTRY

Item: Jinma Agricultural Machinery Plant  
[6855 7456 6593 2623 0617]

Location: Yunnan, PRC

Data: The plant's previously unmarketable model X-195 diesel engine has found new markets in other provinces and foreign nations as well. This was largely due to efforts made by the workers to improve the quality of the product.

Source: Kunming YUNNAN RIBAO in Chinese 9 Jan 81 p 1

Item: Changzhou Tractor Plant  
[1603 1558 2151 2139 2623 0617]

Location: Changzhou, Jiangsu, PRC

Data: The plant manufactured 21,600 hand-guided tractors last year. Its sales volume amounted to 10 percent of the nation's aggregate sales. The advance purchase contracts during the first 6 months of this year registered a 20-percent increase as compared with the like 1979 period.

Source: Nanjing XINHUA RIBAO in Chinese 23 Jan 81 p 2



## VIII. MISCELLANEOUS INDUSTRIES

Item: Ningguo Cement Plant  
[1380 0948 3055 3136 0617]

Location: Ningguo County, Anhui, PRC

Data: The party committee of the construction headquarters of this plant is actively resolving the problems resulting from the suspension of plant construction. Construction started in 1978 by the State Capital Construction Commission. The designed capacity of the plant was 1.5 million metric tons of cement a year. The whole set of production equipment was to be imported from Japan. Last November, the Ministry of Building Materials decided to temporarily suspend the construction of the plant in line with the economic readjustment policy. Following the suspension of the construction work, there was a feeling of insecurity and discontent among the construction engineers and workers. In light of this, the party committee of the construction headquarters strengthened the ideological work among the workers while taking concrete steps to help resolve their problems. At the same time, the party committee has made arrangements to look after the installed equipment to reduce the losses resulting from the suspension.

Source: Hefei Anhui Provincial Service in Mandarin 1100 GMT 1 Feb 81 CW

Item: Shanghai Sewing Machine Plant No 2  
[0006 3189 4911 4771 2623 0059 0617]

Location: Shanghai, PRC

Data: Production of the "Butterfly" sewing machine, sold in more than 80 countries as well as in China, hit 1 million in 1980. The producer--this plant--now has one of the highest outputs in the world, turning out an average of six machines per minute. With the help of the people's government, the first "Butterfly" sewing machine was made at the end of 1949. In the early 60's, factory capacity reached 200,000 machines a year, and rose to 880,000 in 1978. [as printed] Today, using new technology and equipment, the plant has 40 production lines with a total of 3,821 workers. Its 1980 profits were enough to build two factories of the same size. There are over 60 sewing machine factories and 200 spare parts factories in China. The total output of the country reached 7.66 million in 1980.

Source: Beijing XINHUA in English 0755 GMT 16 Jan 81 CW

Item: Hangzhou Electric Cable Plant  
[2635 1558 7193 4968 0617]

Location: Hangzhou, Zhejiang, PRC

Data: The economic court of the Hangzhou Intermediate People's Court held an open trial on 15 January of two persons responsible for an explosion that occurred during steel vulcanization at this plant on 13 May 1980. The explosion left three workers dead, one worker seriously injured and 28,000 yuan in damages. The court sentenced deputy director of the plant (Zhang Huashan) to 1 1/2 years imprisonment and placed him on 2 years probation. The court dropped the charges on the other defendant, (Zhang Changguo), deputy head of the maintenance and power generation department of the plant.

Source: Hangzhou Zhejiang Provincial Service in Mandarin 1100 GMT 17 Jan 81 OW

Item: Dalian Steel Cable Plant  
[1129 6647 6921 4828 4939 0617]

Location: Dalian, Liaoning, PRC

Data: In view of decreasing domestic sales, this plant made efforts to improve the quality of steel cable. Last year the plant exported 749 metric tons of steel cables, or half its annual output. Through sales on the international market, the plant expanded its production by 40 percent in 1980.

Source: Beijing XINHUA Domestic Service in Chinese 0201 GMT 22 Jan 81 OW

Item: Hohhot Cigarette Plant  
[0729 0735 3185 2208 3533 0617]

Location: Hohhot, Nei Monggol AR, PRC

Data: Wang Duo, permanent secretary of the Nei Monggol Regional Party, visited this plant and the (Baimiaozi) Commune in Tumd Banner to understand the production situation in the cigarette plant and the implementation of the responsibility system in the commune. He attended a forum with several commune and brigade secretaries at the commune and heard a briefing on life at grassroots party branches and the ideological situation of party and commune members. During his visits, he gave great credit to the cigarette plant for its achievements in production and urged the plant to pay attention to and tackle new problems. He stressed that grassroots party branches must intensify ideological work and party members must set exemplary roles.

Source: Hohhot Nei Monggol Regional Service in Mandarin 1100 GMT 8 Jan 81 SK

Item: Shenyang City Insulating Materials Plant  
[3476 7122 1579 0202 3306 2624 2436 0617]

Location: Shenyang, Liaoning, PRC

Data: Effective 1 January 1981, this plant has been renamed the Shenyang City Glass Plant [3776 7122 1579 3788 3863 0617]. It produces 3mm plate glass, powdered perlite, cement perlite products, asphalt perlite products and other insulating materials.

Source: Shenyang LIAONING RIBAO in Chinese 12 Jan 81 p 4

Item: Institute of Lanzhou Coating Industry  
[5695 1553 3205 2436 1562 2814 4282 4496 2076]

Location: Lanzhou, Gansu, PRC

Data: In a joint research effort with the Xianguang Chemicals Plant No 1 and the Jinan Paint Plant, this institute, subordinate to the Ministry of Chemical Industry, successfully produced a new metallic-lustre coating.

Source: Beijing RENMIN RIBAO in Chinese 16 Jan 81 p 2

Item: Fuzhou Refrigeration Plant  
[4395 1558 0397 0408 0617]

Location: Fuzhou, Fujian, PRC

Data: The plant's 5,000-metric ton cold storage facility was completed ahead of schedule and has been put into operation recently. It is the largest of its kind in Fujian Province at the present time.

Source: Beijing RENMIN RIBAO in Chinese 9 Feb 81 p 1

Item: Lanzhou Wool and Knitted Goods Mill  
[5695 1558 3029 6859 4930 0617]

Location: Lanzhou, Gansu, PRC

Data: The mill has gone into production recently. It has the capacity to produce over 11,000 kinds of high-quality wool and knitted goods.

Source: Beijing RENMIN RIBAO in Chinese 9 Feb 81 p 1

Item: Guangzhou Textile Dyeing Company  
[2676 4930 1562 2814 0361 0674]

Location: Guangzhou, Guangdong, PRC

Data: The plant's profit realized last year amounted to 31 million yuan, an increase of 84.64 percent as compared with 1979. The company has jurisdiction over 22 plants.

Source: Guangzhou NANFANG RIBAO in Chinese 20 Jan 81 p 2

Item: Wuhan Sewing Machine Main Plant  
[2976 3352 4911 4771 2623 4920 0617]

Location: Wuhan, Hubei, PRC

Data: The plant manufactured 190,000 sewing machines in 1980, an increase of 1.5-fold as compared to 1978. The plant had incurred financial losses for more than 20 years.

Source: Wuhan CHANGJIANG RIBAO in Chinese 4 Jan 81 p 1

Item: Luda Thermos Plant  
[2464 2192 0202 3306 3910 0617]

Location: Luda, Liaoning, PRC

Data: In November the plant overfulfilled its annual planned target for 1980 by 53 percent.

Source: Shenyang LIAONING RIBAO in Chinese 9 Jan 81 p 2

Item: Shenyang Fiber Plant  
[3476 7122 4960 4850 0617]

Location: Shenyang, Liaoning, PRC

Data: In 1980 the plant fulfilled its various production tasks 135 days ahead of schedule.

Source: Shenyang LIAONING RIBAO in Chinese 6 Jan 81 p 1

Item: Shenyang Insulation Materials Plant  
[3476 7122 4815 4878 2624 2436 0617]

Location: Shenyang, Liaoning, PRC

Data: In cooperation with a research institute, this plant successfully manufactured a new energy-saving and pollution-controlling gluing machine.

Source: Shenyang LIAONING RIBAO in Chinese 5 Jan 81 p 2

Item: Shijiazhuang Printing and Dyeing Mill No 1  
[4258 1367 8369 4574 0001 0603 2676 0617]

Location: Shijiazhuang, Hebei, PRC

Data: The plant doubled its export volume in 3 years.

Source: Shijiazhuang HEBEI RIBAO in Chinese 30 Jan 81 p 1

Item: Dalian Sewing Machine Main Plant  
[2192 6647 4911 4771 2623 4920 0617]

Location: Dalian, Liaoning, PRC

Data: In cooperation with about 30 parts plants in three provinces, this plant now has the capacity to produce 500,000 sewing machines per year.

Source: Shenyang LIAONING RIBAO in Chinese 15 Jan 81 p 1



Item: Benxi City Silk Mill  
[2609 3005 1579 4828 4846 0617]

Location: Benxi, Liaoning, PRC

Data: The mill overfulfilled its various planned targets of 1980. Its products are on sale in 11 provinces and 68 counties.

Source: Shenyang LIAONING RIBAO in Chinese 22 Jan 81 p 2

Item: Wuxi Knitted Underwear Plant  
[3541 6932 6839 4930 6000 5902 0617]

Location: Wuxi, Jiangsu, PRC

Data: A heavy warp knitting and dacron heat setting machine for pattern-finalizing was put into production at the plant on 18 December 1980.

Source: Nanjing XINHUA RIBAO in Chinese 20 Dec 80 p 1

Item: Xuanwei Xian Hog Bristles Plant  
[135/ 1218 4905 6277 7571 0617]

Location: Xuanwei, Yunnan, PRC

Data: The plant's profit realized from January to September last year was 34,000 yuan. During the previous 14 years, it had suffered a succession of losses.

Source: Kunming YUNNAN RIBAO in Chinese 13 Jan 81 p 2

Item: Kunming Textile Mill  
[2492 2294 4791 4930 0617]

Location: Kunming, Yunnan, PRC

Data: Utilizing the new management measures such as "independent accounting" and "assuming sole responsibility for profits or losses," the mill's profit realized during the first 10 months of this year was 8.26 million yuan, a 56.38-percent increase as compared to the like 1979 period.

Source: Kunming YUNNAN RIBAO in Chinese 7 Jan 81 p 1

Item: Sichuan Plastics Plant  
[0934 1557 1043 2436 0617]

Location: Chengdu, Sichuan, PRC

Data: From January to October of this year, the plant produced 410 metric tons of plastics cotton cloth, a more than one-fold increase in comparison with the corresponding 1979 period.

Source: Chengdu SICHUAN RIBAO in Chinese 9 Nov 80 p 2

Item: Chongqing Sewing Machine Plant  
[6850 1937 4911 4771 2623 0617]

Location: Chongqing, Sichuan, PRC

Data: On the basis of the principles of voluntary participation and mutual benefit, this plant has been carrying out the policy of coordination and concerted action in producing complete sets of sewing machines. As a result, output during the first 10 months of this year increased 71.7 percent as compared with the same period of the previous year. Moreover, the profit turned over to the state increased 159.8 percent.

Source: Chengdu SICHUAN RIBAO in Chinese 28 Nov 80 p 1

Item: Xiamen Plastics Plant No 4  
[0033 7024 4574 0934 1043 2436 0617]

Location: Xiamen, Fujian, PRC

Data: Having adopted a more independent management system, the plant's output value increased 23 percent during the first 8 months of this year as compared to the same period of the preceding year. Furthermore, the profit realized registered an 83-percent increase while production costs declined 5 percent.

Source: Fuzhou FUJIAN RIBAO in Chinese 18 Oct 80 p 1

Item: Fuzhou Electric Welding Rod Plant  
[4395 1558 7193 3549 2623 0617]

Location: Fuzhou, Fujian, PRC

Data: By broadening the sources of income and reducing expenditure, the plant's profit realized from January to August of this year was 66,000 yuan, a two-fold increase in comparison with the like 1979 period.

Source: Fuzhou FUJIAN RIBAO in Chinese 20 Oct 80 p 2

Item: Sanming Textile Mill No 2  
[0003 2494 4574 0059 4791 4930 0617]

Location: Sanming, Fujian, PRC

Data: This newly built textile mill began production on 15 November 1980.

Source: Fuzhou FUJIAN RIBAO in Chinese 22 Dec 80 p 1

IX. PHOTOGRAPHS OF INDUSTRIAL FACILITIES



Fig. 1 Photograph of the Jinan Chemical Plant's No 2 Workshop following an explosion in the boiler room on 28 October 1980. Four persons were dead and two persons wounded in the accident.

[Source: Jinan DAZHONG RIBAO in Chinese 30 Oct 80 p 1]



Fig. 2 View of an expansion project of the Weihuliang Coal Mine in Urumqi, Xinjiang. This coal mine has an annual output capacity of 300,000 metric tons. The expansion project, an inclined shaft which was put into operation on 25 December 1980, will permit the mine to raise its capacity to 750,000 metric tons.

[Source: Beijing RENMIN RIBAO in Chinese 1 Dec 80 p 1]



Fig. 3 A 220,000-volt transmission and transformer project from Zhenhai, Ningbo, Shaoxing and Xiaoshan in Zhejiang has been completed recently. This project includes a new 174-kilometer 220,000-volt ultra-high voltage transmission line and a 220,000-volt transformer station.

[Source: Beijing RENMIN RIBAO in Chinese 23 Jan 81 p 1]



Fig. 4 A sectional view of the compressed air station at the Liache Oilfield. In 1980 this oilfield produced 1.79 billion cubic meters of natural gas, registering an increase of 5.2 percent over 1979.

[Source: Shenyang LIAONING RIBAO in Chinese 10 Jan 81 p 1]

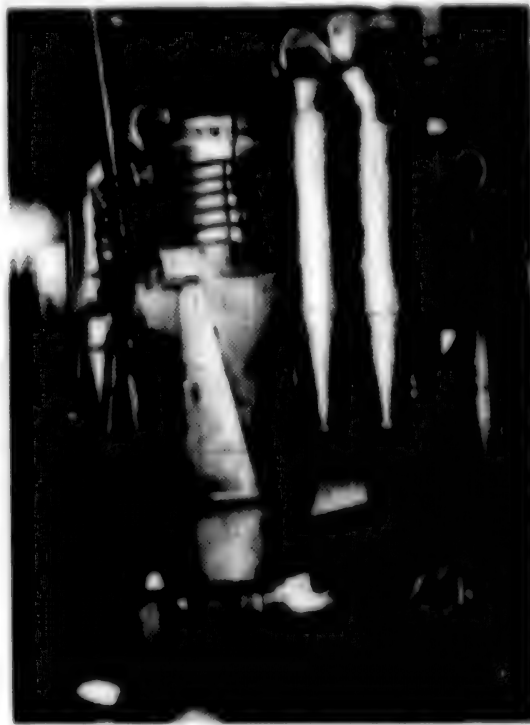


Fig. 5 Photograph of a piece of new "VI" method steel refining equipment designed and built by the Nei Monggol Machine-Building Plant No 2. The specialty steel turned out by this equipment is vital to the metallurgical and national defense industries.

[Source: Beijing RENMIN RIBAO in Chinese 15 Jan 81 p 1]



Fig. 6 Photograph of China's first pair of large, modern vertical shafts with an annual coal output of 3 million metric tons. Designed by Chinese engineers, this project is located in the No 8 Mine in Pingdingshan, Henan.

[Source: Beijing RENMIN RIBAO in Chinese 15 Feb 81 p 1]





Fig. 1 Photo of a new industrial city, Liupanshui, in the highland of western Guizhou Province. It is primarily engaged in coal, electric power, iron and steel, and building material production. The Guiyang-Kunming Rail Line passes through here.

[Source: Beijing RENMIN RIBAO in Chinese 23 Oct 80 p 1]



Fig. 2 Photo of the new passenger/freight station in Dalian.

[Source: Beijing RENMIN RIBAO in Chinese 18 Feb 81 p 1]



Fig. 9 China's first multiple-purpose high-precision optical testing instrument--J007-1 laser multi-purpose interferometer--produced by the Anhui Institute of Optics and Fine Mechanics.

[Source: Beijing RENMIN RIBAO in Chinese 8 Jan 81 p 3]



Fig. 10 Construction of China's largest detergent powder raw material plant--Nanjing Alkylbenzene Plant--was recently completed. This plant has an annual alkylbenzene output of 30,000 metric tons.

[Source: Shenyang LIAONING RIBAO in Chinese 9 Feb 81 p 3]



Fig. 11 A section of the Guiyang Mining Machinery and Equipment Plant in Guizhou Province.

[Source: Guiyang GUIZHOU HUABAO [GUIZHOU PICTORIAL] in Chinese No 2, 1980, p 23]



Fig. 12 A night scene of the Shaoyuan Iron and Steel Mill in Guangdong Province.

[Source: Guangzhou GUANGDONG HUABAO [GUANGDONG PICTORIAL] in Chinese No 1, 1981 p 36]



Fig. 13 A view of the Luzhou Natural Gas Chemicals Plant in Sichuan.

[Source: Chengdu CHUAN HUABAO [SICHUAN PICTORIAL] in Chinese No 1, 1980 p 12]



Fig. 14 Photograph of an automatic cold extrusion line formed by 160-ton horizontal punching machines installed at the state-owned Jianghua Machinery and Equipment Plant in Sichuan.

[Source: Chengdu SICHUAN HUABAO [SICHUAN PICTORIAL] in Chinese No 4, 1980 p 7]

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